



SWIFT. SILENT. SECURE.

BOLT SET FOR 5/16" KNUCKLE (UPPER & LOWER) INSTRUCTIONS

NOTICE: No mounting hardware is included in this kit.

REMOVAL:



DO NOT touch the spike with bare hands.

Installation Tools:

- Ratchet
- 1/2" Socket
- 1/2" Wrench
- 7/16" Socket
- 7/16" Wrench

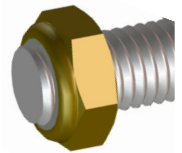


Figure 3

STEP 1 Remove the hardware that attaches the **Spike** to the **Knuckle** using a **7/16" Socket & Wrench**. **FIG 1**

NOTICE: Be sure to safely store mounting hardware if reusing.

STEP 2 Pull the **Spike** out of the **Knuckle**.

STEP 3 Remove the hardware that attaches the **Knuckle** to the **U-Channels** using a **1/2" Socket & Wrench**. **FIG 2**

STEP 4 Remove the defective **Knuckle** from the **U-Channels**.

INSTALLATION

STEP 1 Apply a lubricant such as Green Marine to the top portion of the **Spike** and fully insert it into the new **Knuckle**.

STEP 2 Install the **Spike** mounting hardware in the proper order and tighten snug using a **7/16" Socket & Wrench**. **FIG 1**

STEP 3 Insert the **Knuckle** into the top **U-Channel** and install all upper hardware. **FIG 2**

STEP 4 Repeat **STEP 3** for the bottom **U-Channel**. Tighten all nuts flush with bolt ends. **FIG 3**

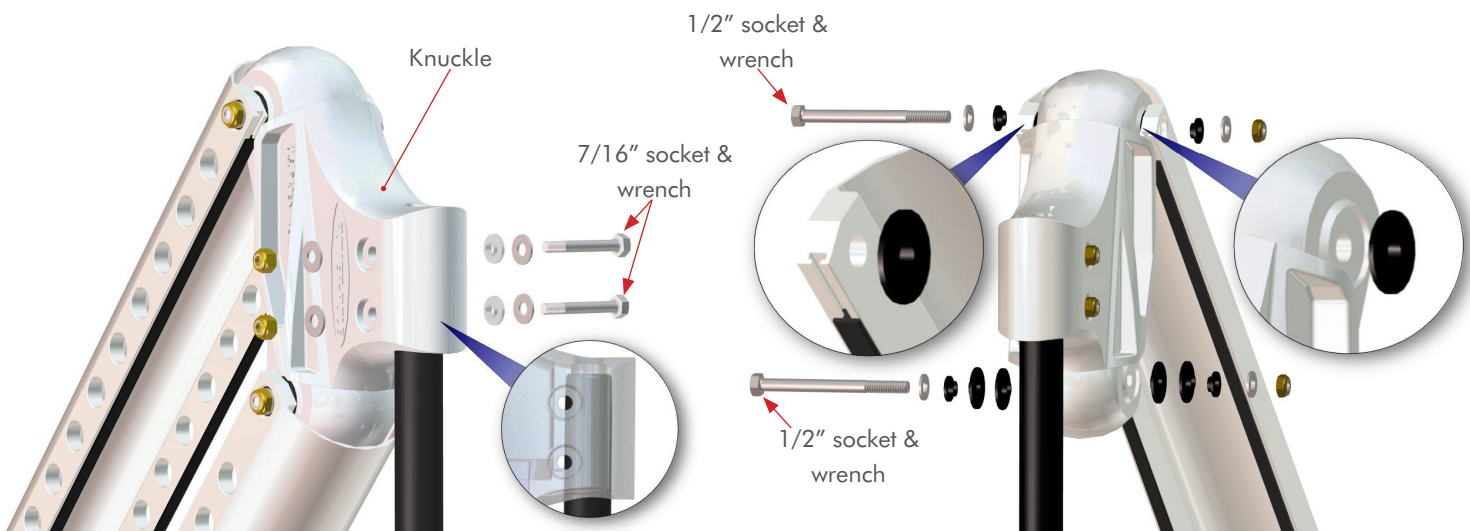


Figure 1

Figure 2

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